



Transmitted Via Electronic Mail & Federal Express

December 13, 2016

Ms. Eugenia Naranjo
Remedial Project Manager

U.S. Environmental Protection Agency, Region II
Emergency and Remedial Response Division
290 Broadway, 19th Floor
New York, NY 10007-1866

Re: Monthly Progress Report No. 154, Newark Bay Study Area

Dear Ms. Naranjo:

Submitted herewith are two (2) copies of Monthly Progress Report No. 154 for work performed during November 2016 at the Newark Bay Study Area. This progress report has been prepared pursuant to Section X, Paragraph 71 of the Administrative Order on Consent between U.S. Environmental Protection Agency and Occidental Chemical Corporation, Index No. CERCLA 02-2004-2010.

If you have any questions, please contact me at (757) 282-6462.

Sincerely,

Tierra Solutions, Inc.

A handwritten signature in cursive script, appearing to read "C. Firstenberg", is written over the printed name.

Clifford Firstenberg
Facility Coordinator
On behalf of Occidental Chemical Corporation
(as successor to Diamond Shamrock Chemicals Company)

Enclosures (2 copies sent)

Cc: Bureau of Case Management
New Jersey Department of Environmental Protection
Site Remediation Program 401-05F
P.O. Box 420
Trenton, NJ 08625-0420
Attn: Jay Nickerson

Chief, New Jersey Superfund Branch
Office of Regional Counsel
U.S. Environmental Protection Agency
290 Broadway, 17th Floor
New York, NY 10007-1866
Attn: Amelia Wagner, Diamond Alkali Site Attorney – Newark Bay Study Area

Glenn Springs Holdings, Inc.
5 Greenway Plaza, Suite 110
Houston, TX 77046
Attn: Juan Somoano

MONTHLY PROGRESS REPORT NO. 154
NEWARK BAY STUDY AREA
WORK PERIOD: November 2016

A. Actions Taken Toward Achieving Compliance with the Order

1. On November 14, Tierra submitted the draft Sediment Quality Triad Data Analysis Steps technical memorandum.
2. On November 14, USEPA sent to Tierra its letter "Numerical Model for Newark Bay Study Area RI/FS-Administrative Order on Consent for Remedial Investigation/Feasibility Study (RI/FS) – Index No. CERCLA-02-2004-2010" informing Tierra that existing data are sufficient to develop and calibrate the numerical models for Newark Bay and that USEPA would take the lead on subsequent modeling for the RI and FS.
3. On November 14, USEPA provided responses to the first six (6) Protocol Modification Forms for the Phase III Nature and Extent Sediment Investigation
4. On November 15, USEPA provided comments on the September RI/FS Schedule.
5. On November 17, Tierra submitted the draft RAGS Part A & D Exposure Parameters tables (1 and 4).
6. On November 17, Tierra responded to USEPA's comments on the September RI/FS Schedule.
7. On November 29, USEPA provided comments on the draft Fish Data Report.
8. On November 30, Tierra submitted the draft Exposure Parameters and Toxicity Values technical memorandum "Summary of Preliminary Receptors, Exposure Factors, and Toxicity Reference Values Selection for the Newark Bay Study Area Baseline Ecological Risk Assessment."
9. Tierra continued field operations for the Phase III Nature and Extent Sediment Investigation.
10. Tierra continued development of the Feasibility Study Work Plan.

B. Actual or Potential Violations and Other Problems Encountered

1. None

C. Corrective Actions

1. None

D. Validated Sampling or Testing Results Received or Generated During the Course of Implementing the Work

1. None

E. Future Plans, Actions and Data Scheduled for December 2016 and January 2017

1. Tierra will continue field operations for the Phase III Nature and Extent Sediment Investigation.
2. Tierra will submit the remaining Protocol Modification Forms after the conclusion of the Phase III Nature and Extent Sediment Investigation.
3. Tierra will review any additional USEPA comments on Tierra's Response to Comments documents submitted for the Environmental Sample Collection Report and Crab/Clam Data Report submitted on October 24.
4. Tierra will continue preparing the Feasibility Study Work Plan for submittal by December 20.
5. Tierra will revise the RI/FS schedule in response to USEPA comments.

F. Work Completion Estimates

1. The implementation of NBSA RIWP-Rev. 1, September 2005 is 100% complete through November 2006.
2. The implementation of NBSA Phase II RIWP, Rev. 2, Amendment 1, November 2007 is 100% complete through November 2014.

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G. Delays Encountered or Anticipated and Mitigation Actions

1. None